

REMARKS

Claims 1-45 were pending in the present application. In the forgoing amendments, claims 1, 7, 13, 15, 17, 19, 23-24, 28, 32-33, 37, 41-42, and 44 have been amended, and claims 4, 6, 10, 12, 16, 18, 22, 31, and 40 have been cancelled without prejudice and disclaimer to the subject matter disclosed therein. Support for these amendments can be found in the specification and claims of the application as filed. No new matter has been added by these amendments.

The Office Action rejected claims 1, 7, 13, 19-21, 28-30, and 37-39 under 35 U.S.C. §102(b) as being anticipated by Kumar (U.S. Patent No. 5,578,677).

The Office Action rejected claims 2, 8, and 14 under 35 U.S.C. §103(a) as being unpatentable over Kumar in view of Salter (U.S. Patent No. 5,682,605).

The Office Action also objected to claims 3-6, 9-12, 15-18, 22-27, 31-36, and 40-45 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Applicants thank the Examiner for the indication of allowable subject matter.

To expedite prosecution of the application, independent claims 1, 7, 13, 19, 28, and 37 have been amended in the forgoing amendments to explicitly incorporate respective limitations of claims 4, 10, 16, 22, 31, and 40, which were objected to in the Office Action, and are therefore in condition for allowance. Applicants respectfully request that the rejections of these claims be withdrawn.

Dependent claims 2-3, 5, 8-9, 11, 14-15, 17, 20-21, 23-27, 29-30, 32-36, 38-39, and 41-45 each depend from one of independent claims 1, 7, 13, 19, 28, and 37, and are allowable as well.

Applicants respectfully request entry of the foregoing amendments and reconsideration of the application.

Specification

Applicants provide herewith amendments to the specification. The amendments to the specification are made by presenting marked up replacement paragraphs which identify changes made relative to the immediate prior version.

The changes made are primarily typographical or grammatical in nature, or involve minor clarifications of some wordings.

Applicants submit these changes add no new matter to the application and are fully supported by the original disclosure.

Drawings

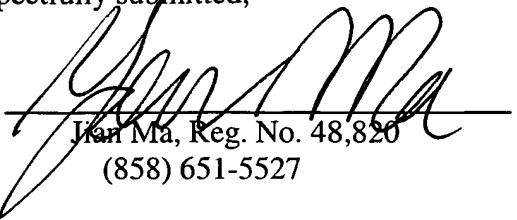
Applicants submit that the above amendments to the drawings do not make any substantive changes or introduce any new material but are simply the correction of typographical errors, which are consistent with the specification as originally submitted. Therefore, approval and entry of the above amendments are respectfully requested.

REQUEST FOR ALLOWANCE

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

By:


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IN THE DRAWINGS

Please amend the drawings as follows:

In FIG. 3B, beside short code generator **238**, please amend “PNQ” to read as one word and in the text “FORWARD MODULATED WAVEFORM”, please amend the word “MODULATED” to read as one word.

In FIG. 4D, in the text “PUNCTURED PACKET” and “PUNCTURED SYMBOLS”, please amend the word “PUNCTURED” to read as one word.

In FIG. 6, near MUX **630**, please amend the word “PILOT” as one word and amend the word “DATA” to read as one word.

Replacement sheets for FIGs. 3B, 4D and 6 are enclosed.